

Yezhkov, V.

Monitoring of Flight Training.

5 pp

AVIATSIYA I KOSMONAVTIKA, Moscow, No 2, Feb 1974,

pp 8-9.

JPRS 61652

Lisun, M.

Low-Thrust Engines for Interplanetary Flights.

7 pp

AVIATSIYA K KOSMONAVTIKA, Moscow, No 2, Feb 1974,

pp 38-39.

JPRS 61767

Flight demands training 10 pp.
AVIATSIYA I KOSMONAVTIKA, no. 2, 1974, pp. 44-45
NASA TT F 15,504

Shchepankov, N.

Good Instructor Pilots, Training Promote Combat
Readiness.

5 pp

AVIATSIYA I KOSMONAVTIKA, Moscow, No 3, Mar 1974,
pp 1-4.

JPRS 61742

Somov, S.

Good Instructor Pilots Anticipate Student Errors.
5 pp

AVIATSIYA I KOSMONAVTIKA. Moscow, No 3, Mar, 1974,
pp 36-37.

JPRS 61742

Chugunov, Ye.

Collaboration in Space Conquest.

7 pp

AVIATSIYA I KOSMONAVTIKA, Moscow, No 3, Mar 1974,

pp 42-43.

JPRS 61908

Raushenbakh, B.

Automatic Flight Control Devices on the First
Soviet Rockets.

5 pp

AVIATSIYA I KOSMONAVTIKA, Moscow, No 3, Mar 1974,
pp 44-45.

JPRS 61838

Sul'yanov, A.

Psychological Stress During Complicated Flight
Operations.

7 pp

AVIATSIYA I KOSMONAVTIKA, Moscow, No 4, Apr 1974.

pp 16-17.

JPRS 62133

RUSSIAN

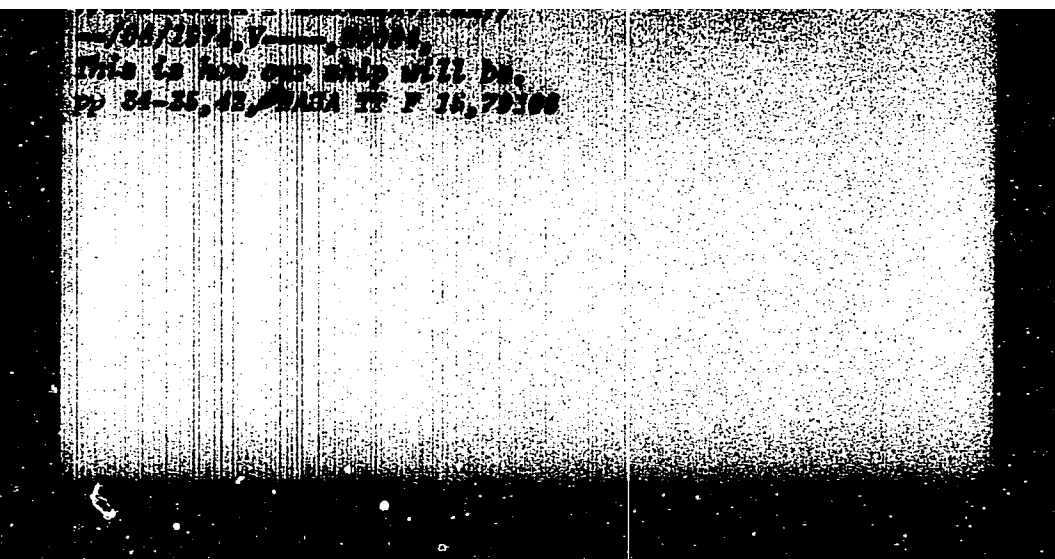
*Complete
Special
8 pp*

(NO: 8344/1966
25 April 1974

When Things Go Wrong

Moscow, Aviatsiya i Kosmonavtika, No 4, 1974
pp 16-17

Special type B
Do not publish
Single spaced draft plus one



Bulatov, A.

Combat Employment of Helicopters.

5 pp

AVIATSIYA I KOSMONAVTIKA, Moscow, No 4, Apr 1974,
pp 46-47.

JPRS 62133

Kirsanov, P.

Importance of Tactical Flight Training.

8 pp

AVIATSIYA I KOSMONAVTIKA, Moscow, No 7, Jul 74,

pp 1-3.

JPRS 62810

Manucharov, A.

Flight Training for Adverse Weather Conditions.
5 pp

AVIATSIYA I KOSMONAVTIKA, Moscow, No 7, Jul 74,
pp 11-12.
JPRS 62810

Kutakhov, P.

Aviation Day Article.

5 pp

AVIATSIYA I KOSMONAVTIKA, Moscow, No 8, Aug 74,

pp 1-3.

JPRS 63174

Below.

Psychological Aspects of Flight Training Discussed.

5 p

PSYKHIYA I KOSMONAVTIKA, Moscow, No 8, Aug 74,

pp 22-23.

JPRS 63052

RUSSIAN

*complete
special 3 pp*

CSO: 8344/0785
31 Oct 74

INTERSPUTNIK-Radio bridge between countries, by
A. Petrov.

Moscow, Aviatsiya i kosmonavtika, No 9, 1974, p 44.

Spec type B
Do not publish
Single spaced draft plus one copy.

Activities of Ministry of Labor in Arab
Sector 1971-73, 6 pp.

HEBREW, per, 'Avoda Wabituah Le'umi - Yarhon
Misrad Ha'avoda, Jerusalem, No 2, 15 Feb 73,
pp 55-57.
JPRS 58786

Apr 73

Cooperation Starts at School -- in the West
Bank, by Gideon Weigert, 5 pp.

HEBREW, per, 'Avoda Wabituah Le'umi - Yarhon
Misrad Ha'avoda, Jerusalem, No 2, 15 Feb 73,
pp 58-59.

JPRS 58786

Apr 73

The Kolpinskiy Brick Factory Renders Unique Services, by Roman Galgolev, 8 pp.
RUSSIAN, per, Aurora, Moscow, No 3, Mar 1973,
pp 38-41.
JPRS 58983

May 73

Farzane, N. G.

Automatic Gas Detectors.

134 pp

AVTOMATICHESKIYE DETEKTORY GAZOV, Moscow, 1972,

168 pp.

JPRS 61505

Automatic planetary systems
AUTOMATIC PLANETARY STABILIZATION, NASA Press,
1973, pp. 279
NASA TT F 15666

REF ID: A58777 7-29-74 IIR-87

AUTOMATIC REGULATION OF LIQUID PROPELLANT ROCKET
MOTOR,

CHURCH B. F.,

US: AUTOMATICHESKOY REGULIROVANIYE ZHIDKOSTNYKH
DVSIGATELYA DVLITATELYA,

1974, no. 396

FTD-NC-23-0055-75

The hypercomp-80 M system for direct modeling of complex systems by the group calculation of arguments method (MGVA) algorithm.

Kiev, Avtomatika, No 4, 1973, pp 84-89.

Please publish - include reproductions of graphics.
Doc may be put up.

BOLASHOV, A. V.

**Structural transformations of linear systems with
variable parameters**

AVTONOMNAYA I. INZHINERNAIA, v. 22, n. 5, 1981, pp. 577-

630

NTC 75-21980-09B

SECRET, U. S.
The following information is for official use only. Do
not release to the public.
Approved for Release by NSA on 07-19-2013,
 pursuant to E.O. 13526
NSA 74-31063-120

APPROVED FOR RELEASE: Thursday, May 23, 2002
PP, 149-164
NFC 72-13074-09B

Avtomatika i Telemekhanika, Vol 33, No 10, Pt 1,
Oct 1972.

Cover-to-Cover by Consultants Bureau

Available at Ly Serials

Apr 73

COVER TO COVER

AVTOMATIKA I TELEMEXHANIKA, Vol 33, No 12, Part 1,
Dec 1972,

Russian pages 5-76

English pages 1915-1981

CONSULTANTS BUREAU

Avail Ly Info

may 73

AVTOMATIKA I TELEMEXHANIKA, Vol 33, No 12, Pt 2, 1972,
Russian pages pp 78-157
English pages pp 1983-2055

Full translation Consultants Bureau

Avail LY INFO

AVTOMATIKA I TELEMEXHANIKA, Vol 34, No 1, Pt 1,
Jan 1973

Russian Pages 5-101

English pages 1- 90

Full translation CONSULTANTS BUREAU

Avail Ly Info

AVTOMATIKA I TELEMEXHANIKA, Vol 34, No 1, Pt 2
Jan 1973

Russian Pages 101-192

English pages 91-174

Full translation CONSULTANTS BUREAU

Avail Ly Info

AVTOMATIKA I TELEMEXHANIKA, Vol 34, No 2, Pt 1, Feb 1973

RUSSIAN PAGES 5-96

ENGLISH PAGES 175-256

Full translation CONSULTANTS BUREAU

Available Ly Serials

AVTOMATIKA I TELEMEXHANIKA, Vol 34, No 2, Pt 2, Feb 1973
RUSSIAN PAGES 97-192
ENGLISH PAGES 257-340

Full translation CONSULTANTS BUREAU

Available Ly Serials

**AVTOMATIKA I TELEMEXHANIKA, Vol 34, No 3, Pt 1, March
1973**

RUSSIAN PAGES 5-94

ENGLISH PAGES 341-421

Full translation CONSULTANTS BUREAU

Avail Ly Serials

A BINARY OUTPUT ELEMENT FOR LOGICAL AND SWITCHING DEVICES ON FERROMAGNETIC ~~STARS~~ *complete 9 pp*

BOYARCHENKOV, M LANGUAGE-RU COUNTRY-UR

AVTOMATIKA I TELEMEXHANIKA, NO. 3 1973 "NAUKA
" MOSCOW PP 185-7

ARM
FSTC-HT-23-1823-73

*AVTOMATIKA I TELEMEXHANIKA, Vol 34, No 3, Pt 2, March
1973*

*RUSSIAN PAGES 97-191
ENGLISH PAGES 423-512*

Avail Ly Serials

Full translation CONSULTANTS BUREAU

AVTOMATIKA I TELEMEXHANIKA, Vol. 34, No. 4,
Part 1, 1973.

ENGLISH PAGES: 513-600

RUSSIAN PAGES: 5-87

C/C Consultants Bureau

Available At Ly Serials

AVTOMATIKA I TELEMEXHANIKA, Vol.34, No.4,
Pt.2, Apr. 1973.

ENGLISH PAGES: 601-686

RUSSIAN PAGES: 100-200

C/C Consultants Bureau

Available at Ly Serials

AVTOMATIKA I TELEMEXANIKA, Vol. 34, No. 5, Pt. 1

May 1973.

ENGLISH PAGES: 687-767

RUSSIAN PAGES: 5-99

C/C Consultants Bureau

Available at Ly Serials

AVTOMATIKA I TELEMEXHANIKA, Vol. 34, No. 5,
Pt. 2, May, 1973.

ENGLISH PAGES: 773-856

RUSSIAN PAGES: 106-199

Consultants Bureau

Avail Ly Ser

AVTOMATIKA I TELEMEXHANIKA, Vol. 34, No. 6,
Pt. 1, June, 1973.
ENGLISH PAGES: 859-928
RUSSIAN PAGES: 5- 80

C/C CB
Avail Ly Ser

June, 1971

ENGLISH PAGES: 941-1029

RUSSIAN PAGES: 95-182

C/C CB

Avail Ly Ser

AVTOMATIKA I TELEMEXHANIKA, Vol 34, No 7, Pt 1
July 1973

RUSSIAN PAGES *5-92*
ENGLISH PAGES *1033-1121*

COVER TO COVER CONSULTANTS BUREAU

Avail By Serials

AVTOMATIKA I TELEMEXHANIKA, Vol 34, No 7, Pt 2, July 1973

RUSSIAN PAGES 95-183
ENGLISH PAGES 1123-1200

Full translation CONSULTANTS BUREAU

Avail Ly Info

AVTOMATIKA I TELEMEXHANIKA, Vol 34, No 8, Pt 1, Aug 1973

RUSSIAN PAGES

5-180

ENGLISH PAGES

1201-1290

Full translation CONSULTANTS BUREAU

Avail from Ly Info

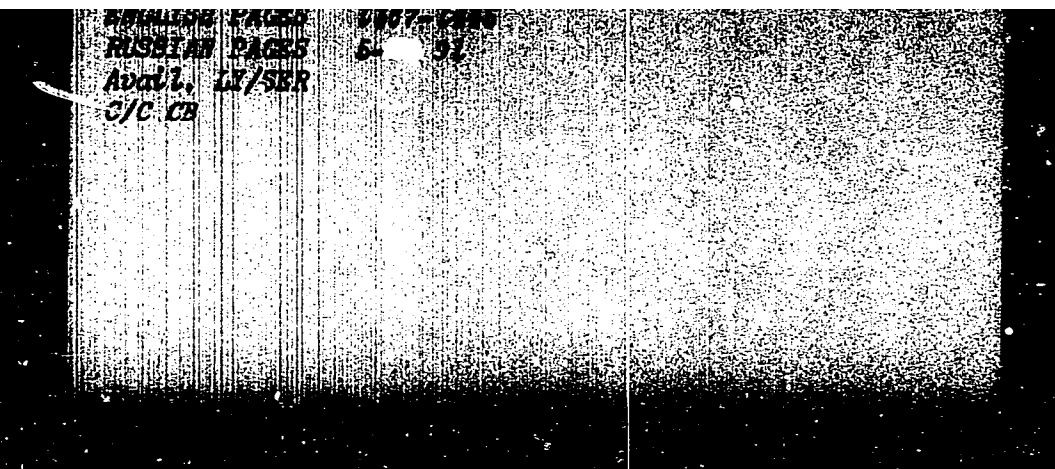
AVTOMATIKA I TELEMEXHANIKA, Vol 34, No 8, Pt 2, Aug 1973

RUSSIAN PAGES 104-164

ENGLISH PAGES 1291-1366

Full translation CONSULTANTS BUREAU

Avail Ly Info



ENGLISH PAGES 1463-1520
RUSSIAN PAGES 108-139
Available LT/SER
C/C CB

Automation and Remote Control

AVTOMATIKA I TELESKOPNIKA, vol. 34, no. 10, part 1,

October 1973,

ENGLISH PAGES 1533-1620

RUSSIAN PAGES 5-97

C/C CB

Avail. IX/SER

*AVTOMATIKA I TELEMEXHANIKA, Vol. 81, No. 10, Pt. 2,
October 1973*

*RUSSIAN PAGES 101-109
ENGLISH PAGES 1627-1711*

Full translation by CONSULTANTS BUREAU

Avail Ly Serials

Larichev, O. I.

Problems of Scientific Research and
Development Planning in Japan, 20 pp.
AVTOMATIKA I TELEMEXHANIKA, Moscow, No 11,
1973, pp 70--84.
JPRS 61035

Feb 74

**AVIONICA I. IZVESTIY, Vol. 5, No. 11,
Part 1, November, 1975.
ENGLISH PAGES: 1718-1785
RUSSIAN PAGES: 5-70**

C/C CB

Avail Ly/Info

RUSSIAN PAGES 25-100
ENGLISH PAGES 1787-1800

Full translation CONSULTANTS BUREAU

Avail by Serials

RUSSIAN

CSO: 8344/1244
8 Jan 74

*Complete
20 pp
JPRS-61035*

Problems of planning scientific research and
development in Japan, by O. I. Larichev.

Moscow, Avtomatika i Telemekhanika, No 11, 1973,
pp 70-84.

Publish under CSO 3600, Translations on SEA - subhead
JAPAN. Include reproductions.
Please provide JPRC/Ad Hoc with a copy of the published
report and the original source.
T. D.: 21 January 1974.

ENGLISH PAGES
RUSSIAN PAGES
C/C CB
Avail. LY/SER.

1863-1944
= 5-99

UNCLASSIFIED
//AVTOMATIKA I TELEMEKHANIKA//
—/15/1973, V0034, R0012,
Automation and Remote control, Part 2,
English pages 1945-2035
Russian Pages 100 -187
FULL TRANSLATION CONSULTANTS BUREAU
AVAILABLE LIBRARY SERIALS00

UNION
//AVTOMATIKA I TELESKOPICHESKAYA//
---/01, 1974, V0034, N0001,
Automation and Remote Control,
pp 1-92 English pages
pp 5-100 Russian pages,
Part 1, Number 1, Volume 35,
FULL TRANSLATION CONSULTANTS BUREAU
AVAILABLE IN LIBRARY SERIALS#8

//AFTERSHOCK (EXPERIMENTAL)
--/01/1974, 79000, 79000,
Automation and Remote Control,
pp 91-173 English pages
pp 103-192 Russian pages
Vol 85, No 1, Part 2, Jan 1974,
FULL TRANSLATION CONSULTANTS BUREAU
AVAILABLE IN LIBRARY SERIALS99

VARIOUS
//avtomatika i telemekhanika//
--/04/1974, V0035, N0001 Part I
Automation and remote control
English pp 521-600
Russian pp 5-93
C/C Consultants bureau
Avail Ly Serial ##

AVTOMATIKA I TELEMEXHANIKA, Vol 35, NO 2 Part 1
Feb 1974

Russian Pages	5-91
English Pages	175-250

Cover to cover Consultants Bureau

Avail Ly serials

VARIOUS
//AVTOMATIKA I TELEMEKHANIKA//
--/02/1974, VOD35, NO022 Part 2
Automation and remote control
English pp 261-383
Russian pp 102-192

Cover to cover Consultants Bureau

Avail Ly serials

KOVALEV, YU. Z.

//AVTOMATIKA I TELESMEKHANIKA, 79

--/02/1978, v-32ND0002

On the analysis of piecewise-linear systems

pp 5-10, CB00

SAGALOV, YU. B.
//AVTOMATIKA TEKHNIKA, //
--/02/1974, V. 32, NO 002,
Analysis of sensitivity of an optimal system
with parameter variation,
pp 11-15, CB00

KOLOSOV, G. E.
//AVTOMATIKA I TELEMEXHANIKA, //
--/02/1974, V--32, N0002.
Some problems of optimal control of markov
objects
pp 16-24, CB00

MIL'SHTEIN, G. M.
//AVTOMATIKA I TELETREKHANIKA, //
--/02/1974, V-12, N0002.
An equivalence principle for stochastic systems
in mean-square minimization problems,
pp 25-30, CB00

DIFFERENTIAL, S. P.
//AVTONOMIKA I TEKHNIKA, //
---/02/197*, V-11, 00002.
Optimal processing of measurement using quality
control quality control results.
pp 31-36, CB00

KUBITSKY, G. M.
//AVTOMATIKA I TELEMEXHANIKA//
--/02/1974, V--31, #0002,
The problem of automatic matching of plane
images,
pp 37-45, CB06

LEVIN, I. K.
//AVTOMATIKA I TELESIGNALNIKA, //
—/62/1974, V—12, No 62,
Selection of uncorrelated parameters for
adaptive algorithms of linear estimation,
pp 46-53 CB00

System analysis of some radiobiological problems
connected with treatment control,
pp 54-62 CB88

//AVIATION I TELEGRAPH//
--/02/1971, V-11, #0007.
A planning problem involving indeterminate
"Demand:
pp 78-83 CB00

Decentralized priority control in a traveling
wave data transmission system
pp 88-90 CB88

--/02/1978, V-10E, 00002,
Some properties of homeomorphisms of
incompletely specified deterministic
automata
pp 91-101 C800

UNKNOWN

//AVTOMATIKA I TELENIEKHANIKA//

--/03/1974, V0035, N0003,

Automation and Remote Control, Part 1,

pp 345-483 English pages

pp 5-1000 Russian pages

FULL TRANSLATION CONSULTANTS BUREAU

AVAILABLE IN LIBRARY SERIALS##

НИКОЛА
//АВТОМАТИКА И ТЕЛЕМЕХАНИКА//
—/03/1974, V0034, R0001,
Automation and Remote Control Part 2
pp 485-519 English pages
pp 103-191 Russian pages
FULL TRANSLATION BY CONSULTANTS BUREAU
AVAILABLE IN LIBRARY SERIALS**

VARIOUS

//avtomatika i telemekhanika//
--/04/1974, V0035, N004, Part 2

Automation and remote control

English pp 613-692.

Russian pp 107-196

Trans Full Consultant Bureau

Avail Ly Serials sept. 15.1974##

BOBROVSKAYA, T. N.

The influence of the conditions of grounding on the protective effect of the casing and jacket of a main communications cable. 17 pgs.

AVTOMATIKA, TELEMEXHANIKA I SVYAZ, Vol 10, 1970, pp 7-12.

AIR-FTD-HT-23-762-73

RESEARCH, SV

Modernizing a Mobile Radio Marine Detector Station.

AVTOMATIKA, TELEMEXHANIKA I SVYAZ', no. 12, 1970, pp 34-35.

FSTC-HT-23-1439-72

ACSI K-1985

New Telegraph Regulations of MO 1972 No. 8, 1972, p. 43-44
AVTOMATIKA, TELEMERTANIRA I SVKAZ, No. 8, 1972, p. 43-44
AIR/FTD-HT-23-0015-71

Trekhdenov, V. I.

New Railroad Signal and Communication Equipment
Reported.

6 pp

AVTOMATIKA. TELEMEXHANIKA I SBYAZ', Moscow,

No 1, 1973, pp 4-6.

JPRS 60438

Lazarenko, I.

Elements of CEMA's Unified Computer System
Displayed.

8 pp

AVTOMATIKA-TELEMEKHANIKA-SVYAZ', Moscow, No 8,
1973, pp 40-42.

JPRS 60519

Kon, Ye. L.

*Determination of the consequences of faults of the units
and devices of digital telemechanical information
transmission systems with the use of digital computers.*

AVTOMATIKA I VYCHISLITEL'NAYA TEKNIKA, No 103, 1971,

pp 66-69

FTD-HS-23-687-73

PL-1000, 1. 1000
An algorithm for the solution of the class of
problems of non-linear programming.
Automatizatsiya issledovaniy, I. K. Kozlov
Technostil V. Mashinostroyeniye, Nauka Press, 1967.
FSTC-HT-23-120-72

AUTOMATION OF TESTING AND INVESTIGATION OF ME
TALS *complete 162 pp*

LARIKOV, L ETAL LANGUAGE-RU COUNTRY-UR

AVTOMATIZATSIYA KONTROLYA I ISSLEDOVANIYA MET
ALLOV

"TEKHNKA", KIEV, 1971,
132-197

PP 5-54 AND PP

ARM
FSTC-HT-23-1584-73

AUTOMATION OF CONVERSION OF COMPLEX FORMS OF
GRAPHIC INFORMATION

GHEGOLIN, P., L LANGUAGE-RU COUNTRY-UR

AVTOMATIZATSIYA PREOBRAZCVANIYA SLOZHNYKH FOR
M GRAFICHESKOY INFORMATSIY

MINSK, "NAUKA I TEKHNIKA", 1973, 1-14PP, 107-
END(184) T7

FSTC-HT-23-0070-75

Borisenkov, Ye. P.

Automation of the collection and analysis of the scientific information in the problem of the interaction of the atmosphere and ocean. *191 pp*

AVTOMATIZATSIYA SBORE I ANALY NAUCHNOY INFORMATSII V PROBLEME VZAIMODEYSTVIYA, ATMOSFERE I. K OKEANA, Trudy of the arctic & antarctic scientific research inst., vol 301, hydrometeorological press, leningrad, 1972, 140 pp.

NASA TT F 801-74

pp 5-18, 19-30 + 31-42 NAV/NISC/Klan-3557-74

may 1973

Медвар, Б. И.

Effect of Solubility of Alloying Elements upon Weld
Hot Cracking

АВТОМАТИЧЕСКАЯ СВАРКА, vol. 8, no. 2, (1955),

pp. 79-90

HB TRANS. 3554

Delegatsiya, S. L.

Automation of the landing control of aircraft 261 PP

AVIATION INTELLIGENCE REPORTING FOR ANALYSIS, 1978,

PP. 1-361

AIR/FTD-ME-24-720-73

A. N. Romanov

Principles of automating control systems. 351 pp.
AVTOMATIZATSII SISTEMY UPRAVLENIYA, 1971, pp 1-248
AIR/FTD-MT-24-1341-72

apr 73

BULAKH, YE. G.
//AVTOMATIZIROVANNAYA SISTEMY INTERPRETSATSI
GRAVITATSIONNYKH ANOMALIY, KIEV//
--/--/1973, V-----, N-----,
Automatic System for the Interpretation of
Gravitational Anomalies (Minimalization Method), 111 pp.
*NASA TT F-1575000

Kurmit, A.A.

AVTOMATY BEZ POTERI INFORMATSII KONECHNOGO
PORYADKA (Information-lossless Automata of
Finite Order) Akademiya Nauk Latvisskoi SSR
Institut Elektroniki i Vychislitel'noi Tekhniki
Zinatne, Riga, 1972 266 pp Book

*IPST 8 May 1973

July 1973

Lavarsky, V. G.

Control Machine of Switching Unit of a Communication
Network 57 pp

AVTOMATI I UPRAVLYENIYE SETYAMI SVYAZI, 1971, pp 1-28

AIR/FTD-MT-24-406-73

Kozubovs'kyi, S. F.

The Hypercomp-80 TM System for Direct Modeling
of Complex Systems by the Method of Considering
Groups of Arguments.

9 pp

AVTOMATYKA, Kiev, No 4, 1973, pp 84-89.

JPRS 60567

KOZUBOVSKY. S. F.
//AVTOMATYKA INSTYTUT KIBERNETYKI AN URSR//
--/--/1965, V----, N0004
Autocorrelation and spectral methods of measuring
speed of motion 9 pp
pp 31-36 AIR/FTD-HC-2295-74##